

PATENT  
ATTORNEY DOCKET NO.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Doo Hee CHO, Joon Tae AHN, Min Yong JEON, Kyong Hon KIM  
Serial No.: 10/033,126  
Filed : December 26, 2001  
Title : **METHOD OF MANUFACTURING A PLANAR TYPE WAVEGUIDE  
USING ION EXCHANGE METHOD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sirs:

Korean Patent Laid-Open No. 1996-0008362 is directed to a method of manufacturing a high polymer grain waveguide. Second cation (K<sup>+</sup>, Ag<sup>+</sup> etc.) having a reflective index higher than first cation is injected to a high polymer cation exchange resin ion exchanged with first cation (Na<sup>+</sup>, Li<sup>+</sup> etc.) in an aqueous solution using electric field. And the first cation is injected to the high polymer cation exchange resin by using the same method. Thereby, distribution of the reflective index is moved in inside of the high polymer film.

Respectfully submitted,

Date : \_\_\_\_\_

**BLAKELY SOKOLOFF TAYLOR & ZAFMAN**  
12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, California 90025-1030



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

DOO HEE CHO, ET AL.

Application No.: 10/033,126

Filed: December 26, 2001

For: **METHOD OF MANUFACTURING A  
PLANAR WAVEGUIDE USING ION  
EXCHANGE METHOD**

Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The references were cited in a Search Report dated June 5, 2003 (copy enclosed herewith) from a foreign patent office in a counterpart Korean application, which was forwarded to Applicant's Representative in a communication dated June 5, 2003.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

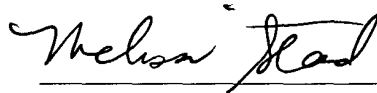
Date: \_\_\_\_\_

7/29/03

  
Eric S. Hyman Reg. No. 30,139

12400 Wilshire Blvd., 7th Floor  
Los Angeles, California 90025  
(310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Melissa Stead

\_\_\_\_\_ Date

